

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	320534	(dust\$3 or artifact\$3 or scratch\$3 or noise\$3 or distort\$3 or saturat\$6 or defect\$6 or spot\$3)same(correct\$4 or adjust\$4 or filter\$3 or remov\$5 or eliminat\$4 or enhanc\$6)same(select\$4 or extract\$4 or cut\$4 or captur\$3 or scan\$4 or read\$3 or detect\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:45
S2	63865	S1 same(camera\$2 or len\$2 or optical\$3 or sensor\$2)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:46
S3	15237	S2 same(memor\$4 or stor\$4 or record\$4 or databas\$3)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:46
S4	6003	S3 same(segment\$6 or divid\$4 or partition\$4 or partial\$4 or portion\$3 or region\$3 or block\$4 or sampl\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:46
S5	2838	S4 same(compar\$6 or correlat\$4 or match\$3 or contrast\$3 or similar\$3 or differen\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:30
S6	3045	S4 same(compar\$6 or correlat\$4 or match\$3 or contrast\$3 or similar\$3 or differen\$4 or associat\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:47
S7	1316	S6 same(probabl\$3 or estimat\$4 or calculat\$4 or comput\$4 or measur\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:42
S8	1328	S6 same(probabl\$3 or estimat\$4 or calculat\$4 or comput\$4 or measur\$4 or statistic\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:47
S9	485	S8 same(digit\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:48
S10	84	S9 same(auto\$6)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:48
S11	49106	(imag\$3) same(dust\$3 or artifact\$3 or scratch\$3 or noise\$3 or distort\$3 or saturat\$6 or defect\$6 or spot\$3)same(correct\$4 or adjust\$4 or filter\$3 or remov\$5 or eliminat\$4 or enhanc\$6)same(select\$4 or extract\$4 or cut\$4 or captur\$3 or scan\$4 or read\$3 or detect\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:45
S12	21592	S11 same(camera\$2 or len\$2 or optical\$3 or sensor\$2)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:46
S13	5944	S12 same(memor\$4 or stor\$4 or record\$4 or databas\$3)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:46
S14	2440	S13 same(segment\$6 or divid\$4 or partition\$4 or partial\$4 or portion\$3 or region\$3 or block\$4 or sampl\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:46

## EAST Search History

S15	1208	S14 same(compar\$6 or correlat\$4 or match\$3 or contrast\$3 or similar\$3 or differen\$4 or associat\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:47
S16	530	S15 same(probabl\$3 or estimat\$4 or calculat\$4 or comput\$4 or measur\$4 or statistic\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:47
S17	256	S16 same(digit\$4)	US-PGPUB; USPAT	OR	ON	2007/02/02 11:48
S18	62	S17 same(auto\$6)	US-PGPUB; USPAT	OR	ON	2007/02/02 14:15
S19	1	"6608914".PN.	USPAT; USOCR	OR	ON	2007/02/02 12:50
S20	1	"6608914".PN.	USPAT; USOCR	OR	ON	2007/02/02 12:51
S21	1	"6230126".PN.	USPAT; USOCR	OR	ON	2007/02/02 12:52
S22	1	"6597817".PN.	USPAT; USOCR	OR	ON	2007/02/02 12:53
S23	1	"6332033".PN.	USPAT; USOCR	OR	ON	2007/02/02 12:53
S24	1	"6654018".PN.	USPAT; USOCR	OR	ON	2007/02/02 13:17
S25	1	"6611613".PN.	USPAT; USOCR	OR	ON	2007/02/02 13:17
S26	1	"6054999".PN.	USPAT; USOCR	OR	ON	2007/02/02 13:18
S27	1	"5933151".PN.	USPAT; USOCR	OR	ON	2007/02/02 13:18
S28	14	((("5065257") or ("5214470") or ("5416516") or ("5436979") or ("5625413") or ("5969372") or ("5974194") or ("6035072") or ("6125213") or ("6233364") or ("6266054") or ("6465801") or ("6487321") or ("6035072") or ("6792161"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/02/02 14:15
S29	1	"6320679".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:15
S30	1	"6292269".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:15
S31	1	"6035072".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:15
S32	1	"5982948".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:15
S33	1	"5499114".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:16

## EAST Search History

S34	1	"6628711".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:31
S35	1	"6580812".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:31
S36	1	"6545719".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:31
S37	1	"6269484".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:31
S38	1	"6252975".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:31
S39	1	"6628711".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:32
S40	1	"6424372".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:32
S41	1	"6342918".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:32
S42	1	"5926212".PN.	USPAT; USOCR	OR	ON	2007/02/02 15:32

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, II CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Noise-adaptive spatio-temporal filter for real-time noise removal in low light level images**  
Seong-Won Lee; Vivek Maik; Jihoon Jang; Jeongho Shin; Joonki Paik;  
Consumer Electronics, IEEE Transactions on  
Volume 51, Issue 2, May 2005 Page(s):648 - 653  
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2. **An adaptive order-statistic noise filter for gamma-corrected image sequences**  
Kleihorst, R.P.; Lagendijk, R.L.; Biemond, J.;  
Image Processing, IEEE Transactions on  
Volume 6, Issue 10, Oct. 1997 Page(s):1442 - 1446  
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3. **Block-based noise estimation using adaptive Gaussian filtering**  
Dong-Hyuk Shin; Rae-Hong Park; Seungjoon Yang; Jae-Han Jung;  
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Volume 51, Issue 1, Feb. 2005 Page(s):218 - 226  
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4. **Nonlinear distortion correction in endoscopic video images**  
Chao Zhang; Helferty, J.P.; McLennan, G.; Higgins, W.E.;  
Image Processing, 2000. Proceedings. 2000 International Conference on  
Volume 2, 10-13 Sept. 2000 Page(s):439 - 442 vol.2  
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5. **Multistage bilateral noise filtering and edge detection for color image enhancement**  
Wen-Chung Kao; Ying-Ju Chen;  
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6. **Videoendoscopic distortion correction and its application to virtual guidance of endoscopy**  
Helferty, J.P.; Chao Zhang; McLennan, G.; Higgins, W.E.;  
Medical Imaging, IEEE Transactions on  
Volume 20, Issue 7, July 2001 Page(s):605 - 617  
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7. **A new approach for nonlinear distortion correction in endoscopic images based on least squares estimation**  
Vijayan Asari, K.; Kumar, S.; Radhakrishnan, D.;  
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8. **RDS and IRDS filters for high-speed CCD video sensors**  
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Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on [see also Circuits and System II: Express Briefs, IEEE Transactions on]  
Volume 47, Issue 9, Sept. 2000 Page(s):958 - 965  
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9. **An evaluation of the effect of filtering in 3-D OSEM reconstruction by using data from a high-resolution PET scanner**  
Baghaei, H.; Uribe, J.; Hongdi Li; Yu Wang; Aykac, M.; Yaqiang Liu; Tao Xing; Wai-Hoi Wong;  
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Volume 49, Issue 5, Oct. 2002 Page(s):2381 - 2386  
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10. **A pipelined architecture for real-time correction of barrel distortion in wide-angle camera images**  
Ngo, H.T.; Asari, V.K.;  
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Volume 15, Issue 3, March 2005 Page(s):436 - 444  
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11. **Evaluation of the 3D IMF-OSEM algorithm by using data from a high resolution PET scanner**  
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Volume 3, 4-10 Nov. 2001 Page(s):1791 - 1795 vol.3  
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12. **Image Enhancement Based on Noise Estimation**  
Fabrizio Russo;  
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13. **Block-based noise estimation using adaptive Gaussian filtering**  
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14. **Segmentation-based adaptive spatio-temporal filtering for noise canceling and MPEG pre-processing**  
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15. **Efficient block-based coding of noise images by combining pre-filtering and DCT**  
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16. **New digital processor for SPECT camera-correction of multiple-energy photon spatial distortion**  
Jiang, J.; Htun, M.; Kline, B.; Lim, C.; Rappoport, V.;  
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17. **A simplified method of endoscopic image distortion correction based on grey level registration**  
Miranda-Luna, R.; Blondel, W.C.P.M.; Daul, C.; Hernandez-Mier, Y.; Posada, R.; Wolf, D.;  
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18. **Improved method for blocking-artifact reduction in block coded images in wavelet-transform domain**

Hadhoud, M.M.; Foaad, M.M.; Abd Allah, H.A.;  
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**20. An efficient spatio-temporal OS-filter for gamma-corrected video signals**

Kleihorst, R.P.; Lagendijk, R.L.; Biemond, J.;  
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**21. Joint demosaicing and denoising**

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**22. Adaptive motion-compensated filtering of noisy image sequences**

Ozkan, M.K.; Sezan, M.I.; Tekalp, A.M.;  
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**23. New autofocusing technique using the frequency selective weighted median filter for video cameras**

Kang-Sun Choi; Jun-Suk Lee; Sung-Jae Ko;  
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**24. Hybrid mean adaptive center weighted median filter for color sensor denoising**

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**25. Study on the effect of object to camera distance on polynomial expansion coefficients in barrel distortion correction**

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